

CAB4934

Product Information

Product SKU:	CAB4934	Gene ID:	768	Size:	20uL, 100uL
Clone No:	ARC1275	Host Species:	Rabbit	Reactivity:	Human

Additional Information

Observed MW:	35-58kDa	Conjugate:	Unconjugated
Calculated MW:	50kDa	Isotype:	IgG

Immunogen Information

Background:	Carbonic anhydrases (CAs) are a large family of zinc metalloenzymes that catalyze the reversible hydration of carbon dioxide. They participate in a variety of biological processes, including respiration, calcification, acid-base balance, bone resorption, and the formation of aqueous humor, cerebrospinal fluid, saliva, and gastric acid. They show extensive diversity in tissue distribution and in their subcellular localization. CA IX is a transmembrane protein and is one of only two tumor-associated carbonic anhydrase isoenzymes known. It is expressed in all clear-cell renal cell carcinoma, but is not detected in normal kidney or most other normal tissues. It may be involved in cell proliferation and transformation. This gene was mapped to 17q21.2 by fluorescence in situ hybridization, however, radiation hybrid mapping localized it to 9p13-p12.
Recommended Dilution:	WB,1:500 - 1:2000 IHC-P,1:50 - 1:200
Synonyms:	MN; CAIX; Carbonic Anhydrase 9 (CA9/G250)
Purification Method:	Affinity purification
Immunogen:	A synthetic peptide corresponding to a sequence within amino acids 200-300 of human Carbonic Anhydrase 9 (CA9/G250) (Q16790).
Storage:	Store at -20°C. Avoid freeze / thaw cycles.Buffer: PBS with 0.02% sodium azide,0.05% BSA,50% glycerol,pH7.3.